



Revised Sequence Listing 28Feb08

SEQUENCE LISTING

<110> Marchionni, Mark  
Kelly, Ralph  
Lorell, Beverly  
Sawyer, Douglas B.

<120> Method for Treating Congestive Heart Failure

<130> 1094-1-028DIV

<140> 10/646,268  
<141> 2003-08-22

<150> 09/298,121  
<151> 1999-04-23

<160> 11

<170> FastSEQ for windows Version 4.0

<210> 1  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Synthetic Oligonucleotide

<400> 1  
tgtgctagtc aagagtccca accac

25

<210> 2  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Synthetic Oligonucleotide

<400> 2  
ccttctctcg gtactaagta ttcat

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<210> 3  
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<212> DNA  
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<220>  
<223> Synthetic Oligonucleotide

<400> 3  
gcttaaagtgc ttggctcggtgtc

25

<210> 4  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Synthetic Oligonucleotide

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|---------------------------------|----|
| <400> 4                         |    |
| tcctacacac tgacactttc tctt      | 24 |
| <210> 5                         |    |
| <211> 26                        |    |
| <212> DNA                       |    |
| <213> Artificial Sequence       |    |
| <220>                           |    |
| <223> Synthetic Oligonucleotide |    |
| <400> 5                         |    |
| aattcaccca tcagagtgac gtttgg    | 26 |
| <210> 6                         |    |
| <211> 23                        |    |
| <212> DNA                       |    |
| <213> Artificial Sequence       |    |
| <220>                           |    |
| <223> Synthetic Oligonucleotide |    |
| <400> 6                         |    |
| tcctgcaggat agtctgggtg ctg      | 23 |
| <210> 7                         |    |
| <211> 24                        |    |
| <212> DNA                       |    |
| <213> Artificial Sequence       |    |
| <220>                           |    |
| <223> Synthetic Oligonucleotide |    |
| <400> 7                         |    |
| gctggctccg atgtatttga tggt      | 24 |
| <210> 8                         |    |
| <211> 24                        |    |
| <212> DNA                       |    |
| <213> Artificial Sequence       |    |
| <220>                           |    |
| <223> Synthetic Oligonucleotide |    |
| <400> 8                         |    |
| gttctctgcc gtaggtgtcc cttt      | 24 |
| <210> 9                         |    |
| <211> 22                        |    |
| <212> DNA                       |    |
| <213> Artificial Sequence       |    |
| <220>                           |    |
| <223> Synthetic Oligonucleotide |    |
| <400> 9                         |    |
| gcatcaactgg ctgattctgg ag       | 22 |
| <210> 10                        |    |
| <211> 22                        |    |
| <212> DNA                       |    |
| <213> Artificial Sequence       |    |

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<220>

<223> Synthetic Oligonucleotide

<400> 10

cacatgccgg ttatggtcag ca

22

<210> 11

<211> 754

<212> PRT

<213> Rattus norvegicus

<400> 11

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Ser Leu Ala Cys Tyr Ser Pro Ser Leu Lys Ser Val Gln Asp Gln Ala  
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Tyr Lys Ala Pro Val Val Val Glu Gly Lys Val Gln Gly Leu Ala Pro  
35 40 45  
Ala Gly Gly Ser Ser Ser Asn Ser Thr Arg Glu Pro Pro Ala Ser Gly  
50 55 60  
Arg Val Ala Leu Val Lys Val Leu Asp Lys Trp Pro Leu Arg Ser Gly  
65 70 75 80  
Gly Leu Gln Arg Glu Gln Val Ile Ser Val Gly Ser Cys Ala Pro Leu  
85 90 95  
Glu Arg Asn Gln Arg Tyr Ile Phe Phe Leu Glu Pro Thr Glu Gln Pro  
100 105 110  
Leu Val Phe Lys Thr Ala Phe Ala Pro Val Asp Pro Asn Gly Lys Asn  
115 120 125  
Ile Lys Lys Glu Val Gly Lys Ile Leu Cys Thr Asp Cys Ala Thr Arg  
130 135 140  
Pro Lys Leu Lys Lys Met Lys Ser Gln Thr Gly Glu Val Gly Glu Lys  
145 150 155 160  
Gln Ser Leu Lys Cys Glu Ala Ala Ala Gly Asn Pro Gln Pro Ser Tyr  
165 170 175  
Arg Trp Phe Lys Asp Gly Lys Glu Leu Asn Arg Ser Arg Asp Ile Arg  
180 185 190  
Ile Lys Tyr Gly Asn Gly Arg Lys Asn Ser Arg Leu Gln Phe Asn Lys  
195 200 205  
Val Lys Val Glu Asp Ala Gly Glu Tyr Val Cys Glu Ala Glu Asn Ile  
210 215 220  
Leu Gly Lys Asp Thr Val Arg Gly Arg Leu His Val Asn Ser Val Ser  
225 230 235 240  
Thr Thr Leu Ser Ser Trp Ser Gly His Ala Arg Lys Cys Asn Glu Thr  
245 250 255  
Ala Lys Ser Tyr Cys Val Asn Gly Gly Val Cys Tyr Tyr Ile Glu Gly  
260 265 270  
Ile Asn Gln Leu Ser Cys Lys Cys Pro Val Gly Tyr Thr Gly Asp Arg  
275 280 285  
Cys Gln Gln Phe Ala Met Val Asn Phe Ser Lys His Leu Gly Phe Glu  
290 295 300  
Leu Lys Glu Ala Glu Glu Leu Tyr Gln Lys Arg Val Leu Thr Ile Thr  
305 310 315 320  
Gly Ile Cys Val Ala Leu Leu Val Val Gly Ile Val Cys Val Val Ala  
325 330 335  
Tyr Cys Lys Thr Lys Lys Gln Arg Arg Gln Met His His His Leu Arg  
340 345 350  
Gln Asn Met Cys Pro Ala His Gln Asn Arg Ser Leu Ala Asn Gly Pro  
355 360 365  
Ser His Pro Arg Leu Asp Pro Glu Glu Ile Gln Met Ala Asp Tyr Ile  
370 375 380  
Ser Lys Asn Val Pro Ala Thr Asp His Val Ile Arg Arg Glu Ala Glu  
385 390 395 400

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Thr Thr Phe Ser Gly Ser His Ser Cys Ser Pro Ser His His Cys Ser  
 405 410 415  
 Thr Ala Thr Pro Thr Ser Ser His Arg His Glu Ser His Thr Trp Ser  
 420 425 430  
 Leu Glu Arg Ser Glu Ser Leu Thr Ser Asp Ser Gln Ser Gly Ile Met  
 435 440 445  
 Leu Ser Ser Val Gly Thr Ser Lys Cys Asn Ser Pro Ala Cys Val Glu  
 450 455 460  
 Ala Arg Ala Arg Arg Ala Ala Ala Tyr Ser Gln Glu Glu Arg Arg Arg  
 465 470 475 480  
 Ala Ala Met Pro Pro Tyr His Asp Ser Ile Asp Ser Leu Arg Asp Ser  
 485 490 495  
 Pro His Ser Glu Arg Tyr Val Ser Ala Leu Thr Thr Pro Ala Arg Leu  
 500 505 510  
 Ser Pro Val Asp Phe His Tyr Ser Leu Ala Thr Gln Val Pro Thr Phe  
 515 520 525  
 Glu Ile Thr Ser Pro Asn Ser Ala His Ala Val Ser Leu Pro Pro Ala  
 530 535 540  
 Ala Pro Ile Ser Tyr Arg Leu Ala Glu Gln Gln Pro Leu Leu Gly His  
 545 550 555 560  
 Pro Ala Pro Pro Gly Pro Gly Pro Gly Ala Asp Met Gln Arg  
 565 570 575  
 Ser Tyr Asp Ser Tyr Tyr Tyr Pro Ala Ala Gly Pro Gly Pro Arg Arg  
 580 585 590  
 Gly Ala Cys Ala Leu Gly Gly Ser Leu Gly Ser Leu Pro Ala Ser Pro  
 595 600 605  
 Phe His Ile Pro Glu Asp Asp Glu Tyr Glu Thr Thr Gln Glu Cys Ala  
 610 615 620  
 Pro Pro Pro Pro Pro Arg Pro Arg Thr Arg Gly Ala Ser Arg Arg Thr  
 625 630 635 640  
 Ser Ala Gly Pro Arg Arg Trp Arg Arg Ser Arg Leu Asn Gly Leu Ala  
 645 650 655  
 Ala Gln Arg Ala Arg Ala Ala Arg Asp Ser Leu Ser Leu Ser Ser Gly  
 660 665 670  
 Ser Gly Cys Gly Ser Ala Ser Ala Ser Asp Asp Asp Ala Asp Asp Ala  
 675 680 685  
 Asp Gly Ala Leu Ala Ala Glu Ser Thr Pro Phe Leu Gly Leu Arg Ala  
 690 695 700  
 Ala His Asp Ala Leu Arg Ser Asp Ser Pro Pro Leu Cys Pro Ala Ala  
 705 710 715 720  
 Asp Ser Arg Thr Tyr Tyr Ser Leu Asp Ser His Ser Thr Arg Ala Ser  
 725 730 735  
 Ser Arg His Ser Arg Gly Pro Pro Thr Arg Ala Lys Gln Asp Ser Gly  
 740 745 750  
 Pro Leu